

[Click Here](#)





























HanayamaCast Puzzlesis aJapanese manufacturer that produced cast mechanical puzzles called "Cast" ().Hanayama started theirfirst series of cast puzzles in 1983,which include historical puzzles and some newdesigns like theABC puzzle and the Key puzzle by Nobuyuki Yoshigahara.During the yearsHanayamacollection grow, and more puzzle designers add their puzzles to theHanayama puzzle collection,such asOskar van Deventer, a prolific puzzle inventor from The Netherlands, Akio Yamamoto from Japan,Vesa Timonen,Kyoo Wong,Andrei Ivanov,Jin-Hoo Ahn,Marcel Gillen and many more.Hanayama rates their puzzles on a scale of 1 through 6, with 6 being the most challenging puzzles in their collection (We rate our puzzles on a scale of 1 (easiest) - Hanayama's level 1 is equivalent to our level 1 and Hanayama's level 6 is equivalent to our level 5).The first level focuses on fun and developing an understanding of how mechanical puzzles work on a fundamental level, basic ideas that become the building blocks to solving tougher puzzles. Even the simplest puzzle designs still take meaningful consideration, but without allowing frustration levels to build. Level 6, on the other hand, is for experienced puzzlers who understand the rules, and now must throw the rulebook out the window. These higher-level puzzles demand more creativity, mixed with strategy and a dash of luck, to be successful. Hanayama tends to design in the realms of disentanglement puzzles, labyrinth puzzles, or puzzle lock mechanisms. Disentanglement puzzles in particular lend themselves well to a metal design because of the precision that can be applied to such durable building material. Let's viewHanayama most popularmetal puzzles - which are available now on Kubiya Games collection: Hourglass Puzzle- By JinHoo Ahn (Level 5/5)The Hourglass puzzle is a very difficult puzzle that is made of 4 cast metal pieces. Each piece of the puzzle is engineered precisely to interlock in a seamless way. There are sequential tricky movements that need to be discovered to solve the puzzle. The Hourglass cast puzzle was designed by JinHoo Ahn and is considered one of the hardest puzzles in the Hanayama collection.Infinity Puzzle- ByVesa Timonen (Level 5/5)The Infinity Puzzle earns its name for both style and mechanics. Not only do the pieces resemble the sign for infinity (a horizontal 8), but their motion continues in an infinite loop until the pieces are taken apart. This puzzle comes equipped with 3 interlocking pieces. The first is the frame, the infinity shape, and the other two pieces fit inside the left and right circle of figure eight. The solution might seem simple at first, but this puzzle has one of the hardest ratings out there! Conceived by Finnish designer Vesa Timonen, the objective of this puzzle is to disentangle the 3 metal pieces. There are 30 moves required, minimum, to solve the puzzle, but it might take you more! Up for the challenge?Cylinder Puzzle-ByVesa Timonen (Level 3/5)Live your James Bond spy fantasy with the safe-cracking Cylinder Puzzle from Hanayama! Can you take apart the 5 metal pieces of the cylinder to reveal the secret inside? That's the goal, and its easier said than done. The outer look of the puzzle gives no hints or help from the design, so you truly are on your own while puzzling over how to disentangle these pieces. You just might need to think like a professional criminal to get the job done, and after youve successfully solved the Cylinder you'll feel like a master escape artist by cracking the code. Designed by the famous Vesa Timonen from Finland in 2012, and was born from several iterations tested over the course of months. Quartet Puzzle- By Minesuki Uyematsu (Level 5/5)Not for the faint of heart, The Quartet Puzzle is a deviously tricky disentanglement puzzle, named after the number of pieces involved. There are 4 pieces total that form the quartet, and they must be twisted, turned, finagled, and jostled in the perfect way to untangle the dark, metal pieces. The bond that these pieces form is truly difficult to unravel. For added fun, there are actually two approaches to this puzzle and we challenge you to try out both of them! This puzzle is the perfect gift for people who love construction and engineering and an added bonus for those who love to fidget.Nutcase Puzzle- ByOskar van Deventer (Level 5/5)If youve ever felt like a nutcase yourself while solving a puzzle, look no further! The main objective for this Nuts & Bolts style puzzle is to free the small, metal nut that is trapped inside! This is an interlocking puzzle and the player must figure out how to maneuver the pieces so that the mechanism slides apart. For the extra hardcore puzzle enthusiasts, you can also try rearranging the two larger nuts so that they read Case Nut, rather than Nut Case. Unscrew the cap off of your imagination, let those brain juices flow, and get going! Designed by the renowned Dutch inventor, Oskar van Deventer.Ring Puzzle- Designer unknown (Level 3/5)Very few examples of puzzle rings have been recorded in history, and hardly any that are over 100 years old. This ring puzzle, however, is a classic configuration based on legends of puzzle rings from 15th century Europe. The goal is simple: let the ring fall apart and then try to assemble the same structure again. The assembly, of course, is the tricky part. That's why, according to popular legend, the ring was frequently given as an engagement or wedding ring, because if the partner removed it, the bands of the ring would fall apart, and they would be unable to reassemble it before the absence would be noticed. Give this classic puzzle as a beautiful piece of jewelry with a unique twist, or keep it to yourself to show off to friends!Delta Puzzle- ByKyoo Wong (Level 2/5)The Delta Puzzle is formed by three separate, metal pieces that mesh together into a triangle shape. The first challenge is how to separate the parts, and then the puzzler must reassemble the structure. Triangles are a central theme here, and may help you find the solution! This puzzle is the brainchild of Hong Kong native Kyoo Wong, who discovered Hanayama (as a puzzle solver) more than 20 years ago and turned his puzzling interest into a job. An inspirational story for sure, you never know who might find themselves designing puzzles someday, maybe even you!Chain Puzzle-ByOskar van Deventer (Level 5/5)The goal of this puzzle is to separate three metal chain links and then reassemble the chain. Whats so difficult about that? Well, the devil is in the details with this puzzle, and it takes some patience and a keen eye to solve. Whats more, the Chain Puzzle can actually be solved in three different ways, depending on which piece has been chosen as the middle link. That means once you have solved the puzzle, you still have two more tests to prove that you are a puzzle master! Chain Puzzle is another gem from the prominent Oskar van Deventer, a prolific puzzle inventor from The Netherlands. Mechanical Puzzles have a universal, international appeal that cant be denied!Love Puzzle- By Scott Elliott (Level 1/5)Love is in the air - and cast into the metal! The Love Puzzle contains two pieces - one gold, one silver - that smoothly intertwine to make a single heart. How romantic! The objective is to start from a disassembled point and figure out exactly how the two similar pieces fit together. At first glance, it seems like there is no way, but keep trying! This puzzle has a simpler solution, but should still not be underestimated. Its the perfect puzzle for that special someone who loves sleek, elegant solutions - who will you give your heart away to?Spiral Puzzle- ByKenneth Walker (Level 4/5)Can you separate the five pieces of the 3D jigsaw and then meld them back together again? At first glance, the pieces do not seem as though they are unlockable. If you do get them apart theres a whole new problem for you to get them back together again. The most useful hint would be not to apply too much pressure as this could be counterproductive. Once truly conquered, this puzzle makes an intriguing conversation piece and a fun toy to fiddle around with unconsciously. Maybe it could be your new paperweight! Invented by Kenneth Walker of California.Labyrinth Puzzle-Designer unknown (Level 4/5)If you thought one maze was tough enough to navigate, try finding your way through two, at the same time! The Labyrinth Puzzle consists of two metal pieces joined together. The first is round like a coin and has a maze pattern on both sides. The second piece hooks around and latches onto the main unit. The puzzler must simultaneously navigate the top and bottom maze by sliding the second piece through the labyrinth and around to the exit point. be careful, moves that work for one side of the maze might not work for the other! This puzzle requires decisive thinking and duality of thought process that sharpens the mind.UFO Puzzle- By Vesa Timonen (Level 3/4)Faced with the iconic UFO shape that we all know and love, the object of the UFO Puzzle is to remove the spherical, metal globe from within and then place it back in again. In reality, the hidden globe is actually made of 4 unique pieces - and these central pieces will slip and slide out of reach and out of place as soon as you try to extract them from the outer ring of the UFO. This means that the puzzle must be separated into 6 metal pieces, and then pieced back together in order to achieve success. A truly out-of-this-world puzzle-solving experience!Cyclone Puzzle- ByKyoo Wong (Level 4/5)A modern puzzle, the Cyclone is a four-piece, cast metal disentanglement puzzle from Hanayama, released in 2021. In this puzzle, each piece interlocks with the other three in a cyclonic pattern, referring back to the name, of course. The goal is to disentangle the pieces from one another. The design of each ring has been carefully calibrated to greatly restrict the range of motion and create a delightfully frustrating and mind-bending puzzle. The Cyclone was designed in Hong Kong by Kyoo Wong. Using laser-precise metal casting technology, the Hanayama puzzle collection consistently generates convoluted and meticulous structures from the best puzzle designers working today.Equa Puzzle- ByOskar van Deventer (Level 4/5)The object of this ingenious, cast metal puzzle is to separate the two interlocked loops and remove them from the surrounding planet-like structure. Afterward, can you piece it back together? The famous Dutch inventor Oskar van Deventer created this extremely difficult master class in engineering for the Hanayama Collection; it was released in 2008. At first glance, the planet positioned tightly inside the ring looks as if it cannot possibly be removed, all you can seemingly do is rotate the orb on its axis. Could there be more within! A small, gold coin lies waiting to be discovered by expert puzzlers. The goal of the puzzle is to find the correct sequence of moving, spinning, and sliding parts that allow the Rook to come apart and release the coin. Never again will you have to compromise between a love of chess and a love of mechanical puzzles, you can have it all!Pawn Cast Chess Puzzle- ByMarcel Gillen (Level 3/5)Dont be a pawn! Our puzzle, modeled after pawn pieces from the universally loved game of chess, allows the puzzler to choose their own destiny if they work hard enough towards the tricky, final solution. The objective is to examine the moving parts on the pawns body and maneuver the puzzle with the correct sequence of moves until the inner mechanisms come apart and release a small, gold coin for your prize. You could also store your own small items inside! The Pawn Cast Chess Puzzle is a beautiful item to display on its own, or as part of a set if youre looking for other chess-related puzzles.I will keep adding more newHanayama metal cast puzzlesto this post in the future so please check back again :)Cheers as always, and Happy Puzzling! InformationDescription Name:Cast Equa Brand:Hanayama Level (Complexity):Complex (9) Type:Metal Puzzle Object:Disassembling and reassembling Number of components:3 Estimated time:1-10 Hours Size:1 7/8 x 1 7/8 x 1 7/8 in / 4.6x4.6x4.6 cm Packaging:cardboard: 7511945 mm Materials used:cast zinc Safety:no small parts, but keeping away from small children is advised Where to buy:Check prices for Hanayama Cast Equa Cast Equa has an interesting story behind it as if youd look at some of the video materials on the internet, most of them will show you that it is a Level 6 puzzle, but the current listings depict it as Level 5 by Hanayama difficulty system. What is it? Some kind of conspiracy? Most probably the difficulty of this puzzle was reconsidered at some point as EVEN MORE difficult puzzles appeared on the line-up, like Cast Vortex or Cast Trinity. But what if they wanted to add a little bit of deception to Level 5? To get people thinking that it shouldnt be all that bad, but in the end, they receive a full-fledged Level 6. I kid you not, I saw comments on the internet saying the whole families are not able to solve this puzzle for YEARS. Even Cast Vortexis not that entirely frustrating. So, Equa looks like a pyramid with the ball inside. The whole idea about it is that the pyramid, or triangle, is a ring of a planet and the small ball inside is the planet itself. The planet actually consists of 2 intersecting C-type parts and the whole objective is to disassemble the puzzle. Yes, you need to get the ball out of the construction and, at first, it seems completely impossible. As for the quality it is great, as usual with Hanayama, but some moves and interlocks have a bit more tension than your usual Hanayama puzzle. Usually, everything is super smooth, but with Equa, sometimes, you will need to apply force. Not much, but a considerable amount. I am not sure whether it is intended but it actually does not worsen the overall impression of the puzzle, it just feels different. Main Features The funny thing about Cast Equas mechanism is that it is actually quite complex and you will be able to disassemble the puzzle only if you follow a very strict order of moves. How do you understand the move is right and the one you need? Well, theres no obvious way to understand that. And what is even more peculiar, is that it is next to impossible to actually describe this moves with words. I kid you not, even if you look for a video solution you will, most probably, have a hard time solving it. That is why this puzzle is a real gem of level 5 and a must-have for every puzzle lover who likes a challenge. Conclusion I think I would display this puzzle in its disassembled state to everyone and it will be set on the most visible place on the shelf as a trophy to my utmost patience and zealous, vehement willpower. Equa is a great Hanayama piece that will certainly take some time to solve, but at least it has a pattern. A very dim, slick and shady one, but a pattern nonetheless. Certainly can be a bridge between your average level 5 (Cast Padlock) to an insanely difficult Cast Vortex. Where to Buy Check pricesfor Hanayama Cast Equa Assembly Tips It is very important to be as consistent and methodological with this kind of puzzles. Try to document all your steps write down what you before or after you progress further. The reassembly is usually much harder. You just need to carefully remember the movers you did before the assembly. Hanayama Huzzle Cast Equa puzzle solution video can be found below Cast Equa ALTERNATIVE GLITCH solution video: Important Notes Made of high quality cast iron Considered to be Expert (Level 5) puzzle according to Hanayama scoring. Other Level 5 puzzles, such as Cast Padlock and Cast Marble, can be found at their respective pages on PuzzleScore Hanayama brand page. Hanayama Puzzles FAQ: So what level is Cast Equa by Hanayama? It is listed as level 5, but it was level 6 a few years ago. The difficulty is certainly on par with level 6. Do Hanayama puzzles come with a solution? No, theres no solution sheet inside and there never will be. But Youtube is a great place to find a video solution in case you are having trouble. Can you buy Hanayamas puzzles in bulk sets? You definitely can. Some shops offer the whole Hanayama line up for a decent price. You can find those via this link. Are Hanayama puzzles suitable for kids? Level 5 and 6 are definitely not for kids under 13-14 years. It is better to start with level 1-2 and then gradually go further. It will help train the dexterity and problem-solving mindset gradually. Are Hanayama puzzles a good gift? Id say if you wish to give person hours of frustrating fun you definitely need to give them Hanayama puzzle. These puzzles are challenging, interesting and absolutely well made, so yes, it will be a great gift to anyone. How does Cast Equa compare to other Level 5 Hanayama puzzles? It is definitely harder than the most level-5. Then again, every Hanayama puzzle is a very personal experience and the time to solution greatly depends on your skills, experience, and amount of patience. Also luck, sometimes. There are numerous testimonies of people solving the hardest puzzle s in minutes, but struggling with easier ones for days or even months. Our main goal is to create a platform where people around the world will be able to find, share, read, score different puzzles, showcase their collections, and uncover amazing stories about great puzzle engineers. We truly hope that our deeds will help to further popularize intellectual activities and more and more people will become avid puzzlers! BECOME A PATRON Are you ready to take on the ultimate brain teaser? The Hanayama Cast Equa Puzzle is here to test your skills and patience. But don't worry, we'll guide you through the tricky parts and show you how to overcome those frustrating stuck moments. The Hanayama Cast Equa Puzzle is not your ordinary puzzle. It's a masterpiece designed by Oskar van Deventer, featuring a unique and intricate structure that mimics an astrolabe. This dark chromed beauty comes in a nice packaging and has a perfect fit, making it not only a challenging task but also a visual delight. The Difficulty Level and Ratings Rated as a 5 out of 6 by Hanayama or 9 out of 10 by Puzzle Master (Gruelling), this puzzle is no walk in the park. It's a pretty difficult one that will push your problem-solving abilities to the limit. Many have found themselves stuck in various positions, unable to escape without some serious thinking and perseverance. My Personal Experience with the Puzzle When I first encountered this puzzle, I was immediately intrigued. I took it out and started fiddling with it, only to find that it consisted of three parts - one outer frame and two inner interlocked rings. The mystery of how to separate these pieces had me scratching my head. I quickly got stuck in a position that seemed impossible to get out of, and spent a considerable amount of time trying to find a way forward. The Magic Jacket and Moments of Hope There were times when I thought all was lost, like when the pieces separated within the frame unexpectedly. But then, as if by magic, the puzzle reset itself when I least expected it. This gave me new hope and the determination to keep going. Finding the Solution and the Sense of Achievement After many attempts and moments of frustration, I finally managed to solve the puzzle. It was a real sense of achievement, knowing that I had overcome such a difficult challenge. Putting it back together was another task, but one that was still rewarding. Reactions from Friends and the Puzzle's Popularity I've shared this puzzle with friends, and their reactions have been varied. Some were very intrigued and spent hours trying to solve it, while others gave up in disgust. But that just goes to show the level of difficulty and the appeal of this unique puzzle. Conclusion The Hanayama Cast Equa Puzzle is not for the faint-hearted. It requires dedication, patience, and a lot of thinking. But for those who are up for the challenge, it offers an incredibly rewarding experience. So, are you brave enough to take on this puzzle and overcome those stuck moments? The adventure awaits! Cast EquaMy next puzzle in the Cast series is the Cast Equa. I got this one from Puzzle Master where they have the whole series! I was rather attracted to this one because it has a particularly lovely finish and is a very nice shape - quite different to everything else I've seen - it is supposed to mimic an astrolabe. This is yet another puzzle designed by Oskar van Deventer. Cast Equa is rated as a 5 out of 6 by Hanayama or 9 out of 10 by Puzzle Master (Gruelling) - I think this rating is correct, it is a pretty difficult puzzle but not too horrendous! I find the level 6 puzzles almost impossible without some kind of assistance. It comes nicely packaged in the usual Hanayama black box and mounted onto a card with ties to ensure that it doesn't come apart before you have unpacked it. The puzzle itself appears like a globe structure with a central part that moves around within the external frame. It is a lovely dark chromed colour and the fit is perfect. Dimensions are 4.6cm diameter and it is a good weight in your hand. There is no solution provided - this is a pretty tough puzzle and you might actually need one - if you do then download it from here.I initially took this out and had a very quick fiddle with it and could see that it consisted of 3 parts - one outer frame and two inner interlocked rings. It was not clear how the 2 pieces in the middle were to come apart from each other (let alone out of the outer frame). The 2 central pieces seem to rotate fairly freely in certain directions but are restricted in others by 2 small metal tabs. I put it in my jacket pocket before heading out on the London tube for a trip into town and jingled as I wandered around (annoying the hell out of my wife! - Again!!!) Whilst sitting in a cafe I took it out and was horrified to see the pieces had separated within the frame - I didn't know how it had occurred and spent a few panicky minutes trying to set it back to the start. I managed this and then deliberately started again (at least I now knew how it began). There seems to be a huge number of possible moves for this puzzle but they are really quite restricted due to the metal tabs. I found that I quickly got stuck into a position that I could not escape from. I was able to slide along the arms of the frame but could not move the pieces onto any of the other arms. The only different thing I could do was to take one piece and rotate it the other way around! Unfortunately this got me nowhere - although it did give me an idea for a possible approach to a final solution. I spent about 30 minutes stuck in this position whilst traveling on the tube until I got a sharp elbow in the ribs from "she who must be obeyed". I was completely flummoxed by it - everything I tried ended up up back at this point. I stuck it back in my pocket and continued with my trip. Lo and behold, when I took it back out it had managed to reset itself - I have a magic jacket! The following day I started again whilst out and about in central London. This time I had noticed something special about the frame and using this I was able to get a little bit further. I still struggled with getting locked into certain positions but was able to back-track and then work out an alternative forward move. I reached a point where I was able to utilise a peculiar feature of one of the inner pieces and and got very excited but again got stuck!! After some back-tracking I discovered another forward step and again tried to use that peculiar feature - YESSSS!! This time I managed to get one ring off followed by the other one. They were both interlocked and it was a simple matter to finally disassemble the whole puzzle.Cast Equa PiecesSolving this one gave me a real sense of achievement - it was really pretty difficult and there are a large number of possible moves ending in dead ends. If it hadn't been for the "magic jacket" then I could have spent weeks on it! Putting it back together was just a matter of reversing the process but was still quite fiddly in places! I have given this to quite a number of friends and they have all been very intrigued by it and had a good play. Some have had it for an hour or two and really got nowhere with it. Most have given up in disgust. I think this is more a sign of the difficulty of this puzzle rather than the design. I don't think anyone could solve this in a single sitting of an hour or two. If someone took it away for a few days they might stand a chance - not really a coffee table puzzle apart from the look being quite attractive. It has a fairly decent longevity to it.I really loved this one - I would venture that this is not one for a beginner, but for anyone who is fairly au fait with the Hanayama series this is a great addition to their collection. Latest Articles How to Get iOS 26 or iPadOS 26 on Your iPhone or iPad Today Install iOS 18.5 on Your iPhone to Try New Features First Make Your iPhone Do All Your Talking for You on Calls and in Person How to Unlock the Apple Logo Emoji on Your iPhone, iPad, or Mac Samsung Galaxy S25 Edge Supermodel Looks, Everyday Trade-Offs 5 New Ways to Utilize Your Cast Iron Skillet Make Perfectly Circular McMuffin-Style Eggs Without Special Tools How to Zest Citrus Fruits Without a Zester Tool or Microplane How to Dehydrate Food Without a Dehydrator How to Read the Fate Line on Your Palms How to Get Grease Stains Out of Fabric 100%(4)100% found this document useful (1 vote)6K viewsThis document provides instructions for solving a cast puzzle involving two rings (Ring A and Ring B) that can move within a frame. The first step is to move the clips towards the center of A1-enhanced title and descriptionSaveSave cast equa For Later100%(1)100% found this document useful, undefined Reddit and its partners use cookies and similar technologies to provide you with a better experience. By accepting all cookies, you agree to our use of cookies to deliver and maintain our services and site, improve the quality of Reddit, personalize Reddit content and advertising, and measure the effectiveness of advertising. By rejecting non-essential cookies, Reddit may still use certain cookies to ensure the proper functionality of our platform. For more information, please see our Cookie Notice and our Privacy Policy.

**Cast equa solution. Cast equa hanayama metal puzzle solution. Hanayama puzzle cast equa. Cast equa puzzle solution. Cast equa - hanayama metal puzzle.**